DIGITAL CAMERA		IXUS 145
IMAGE SENSOR		
	Type	1/2.3 type CCD
	Effective Pixels	Approx. 16.0M
	Colour Filter Type	Primary Colour
IMAGE PROCESSOR		
	Type	DIGIC 4+ with iSAPS technology
LENS		
	Focal Length	5.0 – 40.0 mm (35 mm equivalent: 28 – 224 mm)
	Zoom	Optical 8x ZoomPlus 16x Digital Approx. 4x Combined Approx. 32x [1]
	Maximum f/number	f/3.2 – f/6.9
	Construction	8 elements in 7 groups (1 double-sided aspherical lens)
FOCUSING		
	Type	TTL
	AF System/ Points	AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)
	AF Modes	Single, Continuous (Auto mode only), Servo AF/AE, Tracking AF[4]
	AF Lock	Yes
	AF Assist Beam	Yes
	Closest Focusing Distance	1 cm (W) from front of lens in macro
EXPOSURE CONTROL		
	Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre)
	AE Lock	Yes
	Exposure Compensation	+/- 2 EV in 1/3 stop increments. Enhanced i-Contrast for automatic dynamic range correction
	ISO sensitivity	AUTO, 100, 200, 400, 800, 1600
SHUTTER		
	Speed	1 – 1/2000 sec. (factory default) 15 – 1/2000 sec. (total range – varies by shooting mode)
WHITE BALANCE		
	Type	TTL
	Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
COLOUR MATRIX		
	Type	sRGB
LCD MONITOR		
	Monitor	6.8 cm (2.7") LCD (TFT), Approx. 230,000 dots
	Coverage	Approx. 100%
	Brightness	Adjustable to one of five levels. Quick-bright LCD
FLASH		
	Modes	Auto, Manual Flash On / Off, Slow Synchro
	Slow Sync Speed	Yes. Fastest speed 1/2000 sec.
	Red-Eye Reduction	Yes
	Flash Exposure Compensation	Face Detection FE, Smart Flash Exposure
	Flash Exposure Lock	Yes
	Built-in Flash Range	50cm – 3.0 m (W) / 1.3 – 1.5 m (T)
	External Flash	Canon High Power Flash HF-DC1 Canon High Power Flash HF-DC2
SHOOTING		
	Modes	Smart Auto (32 scenes detected), P, Portrait, Live View Control, Digital IS, FaceSelf-Timer, Low Light (4.0 MP), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks, Long Shutter
	Modes in Movie	Smart Auto (21 scenes detected), P, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks
	Drive modes	Single, Continuous, Self-Timer
	Continuous Shooting	Approx. 0.8 shots/sec.[2] (until memory card becomes full) [3]

RECORDING PIXELS / COMPRESSION		
	Image Size	4:3 - (L) 4608 x 3456, (M1) 3264 x 2448, (M2) 2048 x 1536, (S) 640 x 480, (W) 4608 x 2592 Resize in playback (M2, S)
	Compression	Fine
	Movies	(HD) 1280 x 720, 25 fps, (L) 640 x 480, 30 fps Miniature Effect (HD) 5fps, 2.5fps, 1.25 fps Miniature Effect (L) 6fps, 3fps, 1.5 fps
	Movie Length	(HD) Up to 4 GB or 29 min. 59 sec. [5] (L) up to 4 GB or 1 hour [3]
FILE TYPES		
	Still Image Type	JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
	Movies	MOV [H.264 + Linear PCM (monaural)]
DIRECT PRINT		
	Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge
	PictBridge	Yes
OTHER FEATURES		
	Red-Eye Correction	Yes, during shooting and playback
	Histogram	Yes
	Playback zoom	Approx. 2x – 10x
	Self Timer	Approx. 2 or 10 sec. or Custom
	Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi, Malaysian, Hindi, Indonesian, Vietnamese, Hebrew
INTERFACE		
	Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
	Other	A/V output, dedicated connector (PAL/NTSC)
MEMORY CARD		
	Type	SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 8, 8.1 / 7 SP1 / Vista SP2 / XP SP3 Mac OS X 10.7, 10.8, 10.9
SOFTWARE		
	Browsing & Printing	ImageBrowser EX
	Other	Camera Window PhotoStitch
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-11L (battery and charger supplied)
	Battery life	Approx. 230 shots Eco Mode: Approx. 310 shots Approx. 240min. playback
	A/C Power Supply	Optional, AC Adapter Kit ACK-DC90
ACCESSORIES		
	Cases / Straps	Soft Case DCC-1370 Soft Case DCC-1350 Soft Case DCC-1320
	Flash	Canon High Power Flash HF-DC1 Canon High Power Flash HF-DC2
	Power Supply & Battery Chargers	AC Adapter Kit ACK-DC90
	Other	Canon AV Cable AVC-DC400

PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 °C, 10 – 90% humidity
	Dimensions (WxHxD)	95.2 x 54.3 x 22.1 mm
	Weight	Approx. 127 g (including battery/batteries and memory card)

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.
Subject to change without notice.

[1] Depending on the image size selected.
[2] Under conditions where the flash does not fire.
[3] Depending on memory card speed / capacity / compression setting.
[4] Some settings limit availability.
[5] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above. (Full HD) 1920 x 1080 Speed Class 6 or above. (iFrame) 1280 x 720 Speed Class 6 or above.